

THRUST BLOCK SIZE CHART

(FITTINGS UP TO 10")

SOIL TYPE	TEES		BENDS	
	A	B	A	B
SOFT CLAY	48"	24"	48"	24"
SAND	24"	24"	24"	24"
GRAVEL	24"	18"	24"	18"

THRUST BLOCK SIZE CHART

(FITTINGS 12" TO 16")

SOIL TYPE	TEES		BENDS	
	A	B	A	B
SOFT CLAY	60"	36"	72"	36"
SAND	36"	30"	48"	30"
GRAVEL	30"	24"	40"	24"

NOTES:

1. CONCRETE FOR ALL THRUST BLOCKS TO BE MINIMUM 3,000 PSI AFTER 28 DAYS, TYPE I CEMENT, $\frac{3}{4}$ " STONE.
2. WHERE POSSIBLE, CONSTRUCT THRUST BLOCKS AGAINST UNDISTURBED SOIL. WHERE NOT POSSIBLE, PLACE 90% STANDARD PROCTOR DENSITY, COMPACTED FILL BETWEEN THE THRUST BLOCK AND THE UNDISTURBED SOIL.
3. WRAP FITTINGS WITH POLYETHYLENE PRIOR TO CONSTRUCTING THRUST BLOCKS. NO JOINTS SHALL BE COVERED WITH CONCRETE.
4. THRUST BLOCK DIMENSIONS ARE BASED ON A MAXIMUM WATER MAIN PRESSURE OF 150 PSI.

THRUST BLOCK DETAIL

(NOT TO SCALE)

CITY OF BREWER
DETAILS
BREWER - MAINE

DESIGNED BY: JPH

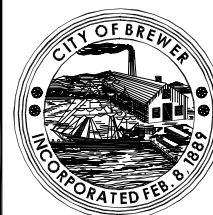
DRAWN BY: JPH

CHECKED BY: FBH

DATE: JAN. 30, 2012

PROJECT NO.:
00-0000-00

FILE NAME:



CITY OF BREWER
ENGINEERING DEPARTMENT
221 GREENPOINT ROAD
BREWER, ME 04412
PHONE: 989-7800
FAX: 989-8024